

Application No. 10/815087
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Amendment
Attorney Docket No. F02.2B-11374-US01

Amendments To The Claims:

1. (Original) In a machine for casting concrete panels on an elongated casting bed having a bottom and opposing side forms, the improvement comprising:
 - a) a segmented screed having a frame above said casting bed and a plurality of screed units, said screed units each having a lower screed plate; and
 - b) each of said screed units being mounted to said frame for vertical travel only such that the lower screed plates together when at a lowest position present a unified screed line to contact and screed concrete on said casting bed.
2. (Original) The machine of Claim 1 wherein each of said screed units includes a lifting mechanism to raise and lower the screed unit such that all screed units may be raised or lowered together or selectively.
3. (Original) The machine of Claim 2 wherein said lifting mechanism is hydraulically operated and each of said screed units includes a hydraulic mechanism comprising a hydraulic cylinder driving a piston attached to said screed units such that said screed units may move up and down relative to said frame.
4. (Original) A segmented concrete screed for use in screeding concrete on a casting bed, said segmented concrete screed including an elongated frame to which a plurality of individual screed units are slidably attached, each of said screed units including a lower screed plate, said screed units being attached to said frame such that all of the screed plates may be aligned to form a single continuous screeding line, each of said screed units being movable between a lowest position relative to said frame and a highest position.
5. (Original) The segmented concrete screed of Claim 4 wherein each of said screed units is movable between said lowest and highest positions by a hydraulic mechanism which includes a hydraulic cylinder and a piston attached to said screed unit to provide vertical travel of said screed unit relative to said frame.